

Title (en)
Multiple electrode ablation apparatus

Title (de)
Ablationsvorrichtung mit mehreren Elektroden

Title (fr)
Appareil d'ablation à électrodes multiples

Publication
EP 1366725 B1 20070124 (EN)

Application
EP 03020050 A 19950811

Priority

- EP 98204115 A 19950811
- EP 95928379 A 19950811
- US 29003194 A 19940812

Abstract (en)

[origin: WO9604860A1] A tissue ablation apparatus includes a delivery catheter with distal and proximal ends. A handle is attached to the proximal end of the delivery catheter. At least partially positioned in the delivery catheter is an electrode deployment device. The electrode deployment device includes a plurality of retractable electrodes. Each electrode has a non-deployed state when it is positioned in the delivery catheter. Additionally, each electrode has a distended deployed state when it is advanced out of the delivery catheter distal end. The deployed electrodes define an ablation volume. Each deployed electrode has a first section with a first radius of curvature. The first section is located near the distal end of the delivery catheter. A second section of the deployed electrode extends beyond the first section, and has a second radius of curvature, or a substantially linear geometry.

IPC 8 full level

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CPC (source: EP US)

A61B 18/1477 (2013.01 - EP US); **A61B 18/1482** (2013.01 - EP US); **A61B 18/18** (2013.01 - EP US); **A61B 18/1815** (2013.01 - EP US); **A61N 1/403** (2013.01 - EP US); **C22C 1/047** (2023.01 - EP); **C22C 14/00** (2013.01 - EP US); **C22F 1/183** (2013.01 - EP US); **A61B 18/1206** (2013.01 - EP US); **A61B 18/14** (2013.01 - EP US); **A61B 18/1402** (2013.01 - EP US); **A61B 18/1485** (2013.01 - EP US); **A61B 18/1492** (2013.01 - EP US); **A61B 2017/00026** (2013.01 - EP US); **A61B 2017/00084** (2013.01 - EP US); **A61B 2017/00101** (2013.01 - EP US); **A61B 2018/00011** (2013.01 - EP US); **A61B 2018/00023** (2013.01 - EP US); **A61B 2018/00196** (2013.01 - EP US); **A61B 2018/00273** (2013.01 - EP US); **A61B 2018/00452** (2013.01 - EP US); **A61B 2018/00476** (2013.01 - EP US); **A61B 2018/00577** (2013.01 - EP US); **A61B 2018/00642** (2013.01 - EP US); **A61B 2018/00666** (2013.01 - EP US); **A61B 2018/00678** (2013.01 - EP US); **A61B 2018/00702** (2013.01 - EP US); **A61B 2018/00708** (2013.01 - EP US); **A61B 2018/00726** (2013.01 - EP US); **A61B 2018/00744** (2013.01 - EP US); **A61B 2018/00761** (2013.01 - EP US); **A61B 2018/00779** (2013.01 - EP US); **A61B 2018/00791** (2013.01 - EP US); **A61B 2018/00797** (2013.01 - EP US); **A61B 2018/00821** (2013.01 - EP US); **A61B 2018/00827** (2013.01 - EP US); **A61B 2018/00875** (2013.01 - EP US); **A61B 2018/00892** (2013.01 - EP US); **A61B 2018/124** (2013.01 - EP US); **A61B 2018/1253** (2013.01 - EP US); **A61B 2018/126** (2013.01 - EP US); **A61B 2018/1425** (2013.01 - EP US); **A61B 2018/143** (2013.01 - EP US); **A61B 2018/1432** (2013.01 - EP US); **A61B 2018/1435** (2013.01 - EP US); **A61B 2018/1472** (2013.01 - EP US); **A61B 2018/162** (2013.01 - EP US); **A61B 2018/1861** (2013.01 - EP US); **A61B 2218/002** (2013.01 - EP US); **A61M 25/007** (2013.01 - EP US); **B22F 2999/00** (2013.01 - EP US)

C-Set (source: EP US)

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WO 9604860 A1 19960222; AT E180649 T1 19990615; AT E253871 T1 20031115; AT E352263 T1 20070215; CN 1125620 C 20031029; CN 1159154 A 19970910; DE 69510064 D1 19990708; DE 69510064 T2 19991223; DE 69510064 T3 20050407; DE 69532140 D1 20031218; DE 69532140 T2 20040826; DE 69535379 D1 20070315; DE 69535379 T2 20080103; DK 1366725 T3 20070529; EP 0777445 A1 19970611; EP 0777445 B1 19990602; EP 0777445 B2 20040102; EP 0908156 A1 19990414; EP 0908156 B1 20031112; EP 1366725 A1 20031203; EP 1366725 B1 20070124; ES 2132698 T3 19990816; ES 2132698 T5 20040701; ES 2279043 T3 20070816; HK 1002098 A1 19980731; JP 3009735 B2 20000214; JP H10503959 A 19980414; PT 1366725 E 20070330; US 5536267 A 19960716; US 6471698 B1 20021029; US 6632222 B1 20031014

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